

AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions and listings of claims in the application:

LISTING OF CLAIMS:

Claim 1. (Previously Amended) A recording apparatus comprising:

a feeding unit for storing and feeding a recording medium;

a recording unit for recording information on said recording medium being fed from said feeding unit;

a discharging unit discharging said recording medium transported through said recording unit;

a guide member forming a sheet transporting surface disposed on a downstream side of said recording unit in a transporting direction of said recording medium;

a transport path section which transports said recording medium in said transporting direction and which is disposed between said guide member and said recording unit;

a warping part formed on at least one of said guide member and said transport path section for warping said recording medium; and

a discharge roller provided downstream of a warped portion of said recording medium, wherein said guide member is ascendingly inclined with respect to said transport path section,

wherein said guide member directs said recording medium downward as said recording medium is transported in said transporting direction.

Claim 2. (Original): A recording apparatus according to claim 1, wherein said warping part includes a flat surface which is uniform over a direction orthogonal to said medium transporting direction.

Claim 3. (Original): A recording apparatus according to claim 1, wherein further comprising a sheet suction unit for sucking said recording medium disposed near said warping part.

Claim 4. (Previously Amended): A recording apparatus according to claim 1, wherein said discharge roller for discharging said recording medium is disposed immediately after said warping part.

Claim 5. (Original): A recording apparatus according to claim 1, wherein said warping part includes an inclined recording medium transporting surface for changing the transporting direction of said recording medium to thereby warp said recording medium.

Claim 6. (Currently amended): A recording apparatus comprising:
a feeding unit for storing and feeding recording medium;
a recording unit for recording information on said recording medium fed from said feeding unit;

a discharging unit for discharging outside said recording medium transported through said recording unit;

a guide member forming a sheet transporting surface disposed on a downstream side of said recording unit in a transporting direction of said recording medium;

a transport path section which transports said recording medium in said transporting direction and which is disposed between said guide member and said recording unit; and

a warping part for warping said recording medium formed on said guide member; and supporting parts formed on said guide member, said supporting parts supporting both side edges of said recording medium warped by said warping part,

wherein said guide member is ascendingly inclined with respect to said transport path section, and

wherein said guide member directs said recording medium downward as said recording medium is transported in said transporting direction.

Claim 7. (Original): A recording apparatus according to claim 6, wherein said warping part includes an included recording medium transporting surface for changing the transporting direction of said recording medium to thereby warp said recording medium, and said supporting parts have support surfaces which are flush with said recording medium transporting surface.

Claim 8. (Original): A recording apparatus according to claim 6, wherein a plurality of said supporting parts are arranged such that a length of the arrangement of said supporting parts is narrower than each of said recording medium of the different widths.

Claim 9. (Original): A recording apparatus according to claim 7, wherein an auxiliary supporting part for supporting both side edges of said recording medium is provided on said recording medium transporting surface.

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(continued)
Claim 10. (Previously Amended): A recording apparatus according to claim 5, wherein said inclined recording medium transporting surface of said warping part is formed by bending a plate like member in a direction orthogonal to said medium transporting direction.

Claim 11. (Original): A recording apparatus according to claim 1, wherein said warping part is warped so that the printing surface of said recording medium is concavely curved.

Claim 12. (Original): A recording apparatus according to claim 11, wherein an inclination angle of said inclined recording medium transporting surface of said warping is 6°.

Claim 13. (Previously Amended): A recording apparatus comprising:
a feeding unit for storing and feeding a recording medium;

a recording unit for recording information on said recording medium being fed from said feeding unit;

a discharging unit discharging said recording medium transported through said recording unit;

a guide member forming a sheet transporting surface disposed on a downstream side of said recording unit in a transporting direction of said recording medium;

a transport path section which transports said recording medium in said transporting direction and which is disposed between said guide member and said recording unit;

a warping part formed on at least one of said guide member and said transport path section for warping said recording medium; and

a discharge roller provided downstream of a warped portion of said recording medium, wherein said guide member is inclined with respect to said transport path section,

wherein said guide member directs said recording medium downward as said recording medium is transported in said transporting direction,

wherein said warping part includes a first sheet transporting surface ascendingly inclined and a second sheet transporting surface descendingly inclined with respect to the sheet transporting path of said recording medium.

Claim 14. (Previously Presented): A recording apparatus comprising:

a feeding unit for storing and feeding recording medium;

a recording unit for recording information on said recording medium fed from said feeding unit;

a discharging unit for discharging outside said recording medium transported through said recording unit;

a guide member forming a sheet transporting surface disposed on a downstream side of said recording unit in a transporting direction of said recording medium;

a transport path section which transports said recording medium in said transporting direction and which is disposed between said guide member and said recording unit,

wherein said guide member is inclined with respect to said transport path section,

wherein said guide member directs said recording medium downward as said recording medium is transported in said transporting direction,

a warping part for warping said recording medium formed on said guide member, said warping part having a first sheet transporting surface ascendingly inclined and a second sheet transporting surface descendingly inclined with respect to the transporting direction of said transporting medium; and

supporting parts formed on said guide member, said supporting parts supporting both side edges of said recording medium warped by said warping part.

Claim 15 (Previously Presented): A recording apparatus according to claim 14, wherein said supporting parts have support surfaces which are flush with said first ascendingly inclined sheet transporting surface.

Claim 16. (Previously Presented): A recording apparatus according to claim 15, wherein a plurality of said supporting parts are arranged such that a length of the arrangement of said supporting parts is narrower than each of said recording medium of different widths.

Claim 17. (Previously Presented: A recording apparatus according to claim 14, wherein auxiliary supporting parts for supporting both side edges of said recording medium are provided on said first ascendingly inclined sheet transporting surface of said warping part.

Claim 18. (Previously Presented): A recording apparatus according to claim 14, wherein an inclination angle of said first ascendingly inclined sheet transporting surface of said warping part is around 6°.

Claim 19. (Previously Presented): A recording apparatus as claimed in claim 1, wherein said guide member and said transport path section are contiguous.
